

## Tessellation 26 (F)

Suite: Tessellation Party!

by Arya Akhavan (September 2013)

Angles for R.I. = 1.830

61 + 16 girdles = 77 facets

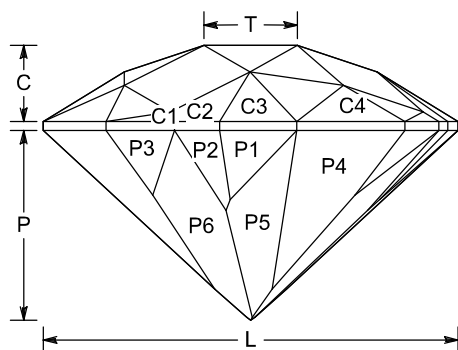
4-fold radial symmetry

96 index

L/W = 1.000 T/W = 0.225 U/W = 0.225

P/W = 0.457 C/W = 0.183

Vol./W<sup>3</sup> = 0.206



### PAVILION

P1	44.93°	02-26-50-74	Cut to centerpoint.
P2	44.95°	03-27-51-75	Meet at culet.
P3	44.51°	07-31-55-79	Meet at culet.
P4	44.50°	16-40-64-88	Meet at culet.
G1	90.00°	02-26-50-74	Set stone size.
G2	90.00°	03-27-51-75	Level girdle.
G3	90.00°	07-31-55-79	Level girdle.
G4	90.00°	16-40-64-88	Level girdle.
P5	43.00°	01-25-49-73	Meet P1, P4, G1, G4
P6	43.00°	06-30-54-78	Meet P2, P3, G2, G3

### CROWN

C1	37.96°	17-41-65-89	Set girdle width.
C2	33.23°	21-45-69-93	Level girdle.
C3	33.67°	22-46-70-94	Level girdle.
C4	37.73°	08-32-56-80	Level girdle.
C5	30.00°	16-40-64-88	Meet G1, G4, C1, C4
C6	28.68°	04-28-52-76	Meet G3, G4, C3, C4
C7	27.46°	17-41-65-89	Meet C1, C2, C5; C4, C5, C6
C8	23.77°	05-29-53-77	Meet C2, C3, C6, C7; C4, C5, C6, C7
C9	18.43°	96-24-48-72	Meet C2, C3, C6, C7, C8
T	0.00°	Table	Meet C7, C8, C9

For this design, I took Tessellation 25 and tried to add more triangles and squares. I didn't quite get to add as much, but it does have a bit more of an interesting crown, and even tilt performance across the entire stone.

Works in materials from quartz to rutile with no changes, but I prefer it in absurdly canary yellow YAG.

Suggested size = 8-15 mm

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